

Indian Institute of Information Technology Dharwad

Academic Session: Aug - Nov 2025

7th semester list of Electives and Baskets (All branches- 4 slots each)					No. of Students	
Baskets	Code	Course	Cr	Course Instructors	7th Sem	
7B1	DS456	Cybersecurity techniques	4	Dr. Rajendra Hegadi	CSE	138
	EC456	Reinforcement learning	4	Dr. Dibyajyothi	DSAI	66
	CS367	Image Processing and computer vision	4	Dr. Vivekraj	ECE	49
	DS401	Health Care Data Analytics	4	Dr. Girish G N	Total	253
7B2	EC462	Generative AI	4	Dr. Chinmayananda A		
	New	Hands on CMOS Analog and RF circuit design	4	Dr. Rajesh Kumar		
	New	Usability Testing	4	Dr Sandesh P		
	New	Quantum AI+ Quantum Gen AI: Generative Models on Quantum Platform	3+1	Dr. Aswath Babu		
7B3	CS457	DevOps and its Applications	4	Dr. Shirshendu Layek		
	New	Agentic AI	4	Dr Sunil Saumya		
	CS468	Information Retrieval	4	Dr. Krishnendu		
	New	Software Defined Networks	4	Dr. Jagadeesha R Bhat		
7B4	CS470	AI for cybersecurity	4	Dr. Abdul Wahid		
	DS102	Finance and Accounting	4	Dr. Anushree		
	MA452	Operation Research	4	Dr. Anand Barangi		
	EC463	Energy Efficient Neural Networks	4	Dr. Jagadish D N		
5th semester list of Electives and Baskets (CSE & DSAI- 2 slots, ECE-1 slot)						
Baskets	Code	Course	Credits	Course Instructors	5th Sem	
5B1	CS463	Parallel computing	4	Dr. Pramod	CSE	137
	CS308	Compiler Design*	4	Dr. Pavan Kumar	DSAI	74
	DS301	Graphs and Social Network	4	Dr. Utkarsh K	ECE	58
	CS366	Advanced Algorithm Design	4	Dr. Suvadip	Total	269
5B2 (All Branches)	New	Full Stack Development	4	Dr. Manjunath K V		
	EC355	Internet of Things	4	Dr. Prakash Pawar		
	New	Semiconductor Device Modeling	4	Dr. Pankaj Kumar		
	New	Microwave Engg for Quantum Computers	4	Dr. Somen Bhattacharjee		
	New	CMOS analog circuit design	4	Dr. Rajesh Kumar		
	CS352	Cryptography & Information Security	4	Dr. Rajendra Hegadi		
	New	User Interactions and Experience Design	4	Dr Sandesh P		
	EC358	AI in Biomedical Signal Interpretation	4	Dr. Sibasankar Padhy		
		* for CSE				
Open Electives for 3rd semester (one slot)						
Basket	Code	Course	Credits	Course Instructors	3rd Sem	
	New	Electronics System Design-I	2	Dr. Pankaj		
	New	Introduction of RFIC design.	2	Dr. Rajesh Kumar	CSE	167
	New	Introduction to Embedded Signal Intelligence	2	Dr. Sibasankar Padhy	DSAI	86
	New	Electronic Systems Engineering	2	Mr. Mallikarjun Kande	ECE	66
	CS162	Dats Science with Python	2	Dr Abdul Wahid	Total	319
	New	Design Analysis	2	Dr Sandesh P		